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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/694,292

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Justine Coates

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EXAMINER

KARDOS, NEIL R

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/694,292	Applicant(s) COATES ET AL.	
	Examiner Neil R. Kardos	Art Unit 3623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 March 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) 1-10, 14 and 15 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-13 and 16-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10/27/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This is a **NON-FINAL** Office action on the merits. Currently, claims 11-13 and 16-22 are pending.

Election/Restrictions

In response to the Restriction requirement dated March 7, 2008 and a telephone conversation thereafter, Applicant elected groups I, II, and IV (Claims 1-13 and 16-22) of the application. However, this election was not directed to the same claims that Examiner agreed to examine in the telephone conversation. In a telephone conversation on May 30, 2008, Examiner and Applicant agreed that if Applicant elected groups II and IV (Claims 11-13 and 16-22), then Examiner would examine them together.

Thus, claims 1-10 and 14-15 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected group, there being no allowable generic or linking claim. This election is without traverse.

Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 11-13 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Claim 11: Claim 11 recites *a processor-readable medium comprising processor-executable instructions configured for:...* From this claim language, it is not clear that the

instructions cause a computer to execute the recited steps. A computer-readable medium that does not cause a computer to execute the recited steps is not statutory subject matter under 35 U.S.C. § 101.

Claims 12-13 are rejected for failing to remedy the deficiencies of claim 11.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. patent number 6,944,539 to Yamada et al (“Yamada”) in view of U.S. patent number 6,266,295 to Parker et al (“Parker”).

Claim 11: Yamada discloses a processor-readable medium comprising processor-executable instructions configured for:

- receiving scheduling information including event times, event locations, and event details (see column 4: lines 38-47; column 5: lines 1-12; column 6: lines 10-30);
- accessing a map that encompasses the event locations for each event location (see column 4: lines 38-47; column 6: lines 10-30),

Yamada does not explicitly disclose for each event location, expressing event times in a single illustrated clock face.

However, Yamada does disclose expressing event times as a desired arrival time (see column 6: lines 22-24).

Parker teaches displaying event times in a single illustrated clock face (see at least figures 10-11).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to replace the event arrival times taught by Yamada with the clock face taught by Parker. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. desired arrival times are displayed on a single analog clock face rather than as a digital time).

Furthermore, Yamada does not explicitly disclose displaying each clock face on the map at its corresponding event location.

However, Yamada does disclose displaying desired arrival times for destinations on a map (see column 6: lines 22-24).

Examiner takes Official Notice that it was well-known in the navigational device and graphical user interface arts at the time the invention was made to place graphical objects at a destination or waypoint (For example, a flag marking a destination or a symbol representing a waypoint [gas station, bank, etc.]).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to place the desired arrival times taught by Yamada (in the analog form taught by Parker) at their corresponding destination points. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. a display with arrival times rather than flags or other associated symbols located at destinations).

Claim 12: Yamada does not explicitly disclose wherein the expressing event times comprises:

- expressing AM hours in which an event can occur as an inner circle partitioned into an AM event-on section and an AM event-off section;
- expressing PM hours in which an event can occur as a first ring surrounding the inner circle, the first ring partitioned into a PM event-on section and a PM event-off section;
- expressing an event time as a clock hand extending radially away from the center of the inner circle in a direction which expresses a particular minute in an analog clock hour;
- wherein the event occurs at the particular minute for every hour of the AM event-on section and every hour of the PM event-on section.

Parker discloses these limitation (see figures 11A-11B), except that the clock face of Parker expresses AM hours in the outer circle and PM hours in the inner circle. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to reverse the AM and PM circles of Parker via a simple substitution producing a predictable result.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the adjusted clock faces of Parker to express event times disclosed by Yamada. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. event times expressed by Parker's clock face).

Claim 13: Yamada discloses a computer including the processor-readable medium of claim 11 (see column 2: line 63 through column 3: line 7).

Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Parker.

Claim 16: Parker discloses a method comprising:

- expressing multiple event times on a single analog clock face;
- wherein the clock face includes an inner circle depicting active AM hours in which event times may occur, a first concentric ring around the inner circle depicting active PM hours in which event times may occur, a second concentric ring around the first concentric ring, the second concentric ring depicting time markings consistent with an analog clock, and event hands extending from the center of the inner circle to the outer edge of the second concentric ring, each event hand designating a minute of an active hour on which an event will occur.

Parker discloses these limitations (see figures 11A-11B), except that the clock face of Parker expresses AM hours in the outer circle and PM hours in the inner circle. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to reverse the AM and PM circles of Parker via a simple substitution producing a predictable result.

Claims 17-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker in view of U.S. pre-grant publication number 2004/0124977 to Biffar (“Biffar”).

Claim 17: Parker does not explicitly disclose displaying a plurality of the clock faces on a map, each clock face displayed at a different location to form a route on the map.

Biffar discloses displaying times at different locations to form a route on a map (see figure 3).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute the clock faces taught by Parker for the times displayed on the route in the map of Biffar. This simple substitution of one known element for another producing a predictable result renders the claim obvious.

Claim 18: Parker discloses:

- designating each event location with an analog clock face that depicts an event time corresponding to the event location (see figures 10-11)

Biffar discloses:

- receiving scheduling information including event times, event information, and event locations (see paragraph 38);
- accessing a map based on the event locations (see figure 3);
- integrating the event times, event information, and event locations into a schedule route on the map (see figure 3);
- displaying the schedule route on the map in a single spatial view (see figure 3).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to substitute the clock faces taught by Parker for the times displayed on the route in the map of Biffar. This simple substitution of one known element for another producing a predictable result renders the claim obvious.

Claims 19-20 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker in view of Biffar, and further in view of U.S. patent number 6,321,158 to DeLorme et al (“DeLorme”).

Claim 19: Parker and Biffar do not explicitly disclose the limitations of this claim.

DeLorme discloses:

- receiving a user input instruction from a cursor hovering over an event time in the single spatial view (see column 43: line 63 through column 44: line 15); and
- in response to the user input instruction, displaying a pop-up pane containing underlying event information associated with the event time (see id.).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the techniques taught by DeLorme to display information from the map of Biffar. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. viewing information by hovering a cursor over an item [similar to a ToolTip]).

Claim 20: Parker and Biffar do not explicitly disclose the limitations of this claim.

DeLorme discloses receiving user input through the pop-up pane that includes altered event information selected from the group comprising: edited event information; added event information; and deleted event information (see column 43: line 63 through column 44: line 15).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the techniques taught by DeLorme to edit information for the events of Biffar and Parker. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. editing event information through a pop-up panel).

Claim 22: Parker and Biffar do not explicitly disclose the limitations of this claim.

DeLorme discloses wherein the event locations can include local, regional, national, and international locations, the method further comprising: zooming the single spatial view between a local view, a regional view, a national view, and an international view according to a user input instruction; wherein each of the local view, regional view, national view, and international view include relevant event times, event information, and event locations (see column 44: lines 15-31).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the techniques taught by DeLorme to zoom between different views on the maps of Biffar. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. zoomable maps).

Claim 21 is rejected under 35 U.S.C. 103(a) as being unpatentable over Parker in view of Biffar and DeLorme, and further in view of U.S. patent number 5,790,974 to Tognazzini (“Tognazzini”).

Claim 21: Parker, Biffar, and DeLorme do not explicitly disclose the limitations of this claim.

Tognazzini discloses transferring altered event information from the single spatial view of the scheduling information to a calendar view of the scheduling information (see column 13: lines 23-32).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to share information as taught by Tognazzini between the schedule storage and maps

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disclosed by Biffar. This combination of known elements produces a result that would be predictable to one of ordinary skill in the art (e.g. synchronized updates).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- U.S. pre-grant publication number 2003/0200192 to Bell et al, directed to organizing information into topical, temporal, and location associations.
- U.S. pre-grant publication number 2004/0225966 to Besharat et al, directed to automatically displaying appointments.
- U.S. patent number 6,336,072 to Takayama et al, directed to presenting navigation information based on instructions described in a script.
- U.S. patent number 6,925,603 to Naito et al, directed to presenting scheduling information depending on a situation.
- U.S. patent number 7,256,711 to Sheha et al, directed to saving and retrieving spatial related information.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neil R. Kardos whose telephone number is (571) 270-3443. The examiner can normally be reached on Monday through Friday from 9 am to 5 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Beth Van Doren can be reached on (571) 272-6737. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Neil R. Kardos
Examiner
Art Unit 3623

NRK
6/3/08

/Primary Examiner/
Primary Examiner, Art Unit 3623